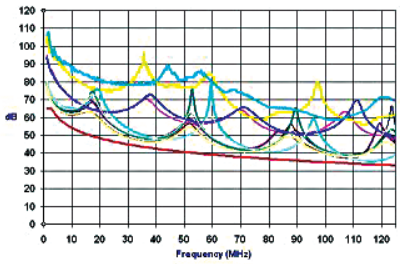
Category 5e U/UTP 100 Ohm Modular Cords

Transmission Properties and Electrical Specifications

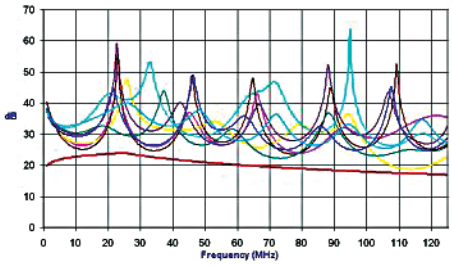
Frequency	NEXT			RL
MHz	dB			dB
	Min			Min
	2 m Cord	5 m Cord	10 m Cord	
1.00	65.0	65.0	65.0	19.8
4.00	62.3	61.5	60.4	21.6
8.00	56.4	55.6	54.7	22.5
10.00	54.5	53.7	52.8	22.8
16.00	50.4	49.8	48.9	23.4
20.00	48.6	47.9	47.1	23.7
25.00	46.7	46.0	45.3	24.0
31.25	44.8	44.2	43.6	23.0
62.50	39.0	38.5	38.1	20.0
100.00	35.1	34.8	34.6	18.0

Characteristic Impedance	100±6 Ohm @ 1-100 MHz
Contact Resistance	20 mOhm max.
Resistance unbalance	2% max.
Voltage rating	72 Vdc max.
Dielectric strength	1000 Volts/1 minute min rms
Ampacity:	1.0 Amps max.
Insulation Resistance	500 MOhm min. @ 500 Vdc
Coupling attenuation	40 dB min @ 30-100 MHz
Transfer Impedance	N/A

Typical NEXT Loss (Measured from both ends)



Typical Return Loss (Measured from both ends)



Ordering Information

HCS P/N	Description	Length (m)	Notes
T5E-00410-05	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	0.5	
T5E-00420-05	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	0.5	
T5E-00410-10	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	1.0	
T5E-00420-10	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	1.0	
T5E-00410-20	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	2.0	
T5E-00420-20	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	2.0	
T5E-00410-30	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	3.0	
T5E-00420-30	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	3.0	
T5E-00410-50	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	5.0	
T5E-00420-50	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	5.0	
T5E-00410-70	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	7.0	
T5E-00420-70	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	7.0	
T5E-00410-00	4x2x24# U/UTP CAT 5e PVC Modular Cord Grey	10	
T5E-00420-00	4x2x24# U/UTP CAT 5e LS0H Modular Cord Grey	10	

Note: Standard color: Light Gray RAL 7035. Other colors available for selection from Color Table No. 6.